

MATERIAL SAFETY DATA SHEET

DPM 6142

SECTION I

PRODUCT NAME:	Pro-Seal 872 Class B, Part A	MSDS IDENTIFICATION NO: MS7223B00
DESCRIPTION:	Manganese Dioxide Dispersion.	DATE OF ISSUE: 02-05-87
MANUFACTURER:	Products Research & Chemical Corporation	REPLACES: None
EMERGENCY TELEPHONE:	5430 San Fernando Road, P.O. Box 1800, Glendale, CA 91209	PREPARED BY: A. Sharaby
	(818) 240-2060	

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	COMMON NAME	CAS NO	OSHA PEL	CAL/OSHA PEL	ACGIH TLV
Manganese Dioxide *	Manganese Dioxide	1313-13-9	5 mg/M ³	5 mg/M ³	5 mg/M ³

* The exposure limits are based on the measurement of airborne particles. In this product, this material is present in a fully encapsulated form and therefore airborne particles will not result from normal use.

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SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point, °F.:	Not applicable.	Specific Gravity:	2.0
Vapor Pressure, mm Hg:	Not applicable.	% Volatiles, by Vol:	None.
Vapor Density:	Not applicable.	Evaporation Rate:	Not applicable.
Solubility in Water:	Negligible.		

SECTION IV - PHYSICAL HAZARD INFORMATION

Flash Point:	Not flammable.	Flammable Limits:	Not flammable.
Extinguishing Media:	CO ₂ , dry chemical, foam, water.		
Spec. Fire Fighting Proc:	Use air supplied respirator. Use water to cool heat exposed containers.		
Unusual Fire Hazards:	None known.		
Stability:	Stable.		
Incompatibility:	Easily oxidizable materials.		
Decomposition products:	Oxides of carbon, manganese compounds.		
Hazardous polymerization:	Will not occur.		

SECTION V - HEALTH HAZARD INFORMATION

EFFECTS OF OVER-EXPOSURE:

Eyes:	Irritation.
Skin:	Local irritation.
Inhalation:	Although the main hazard of manganese compounds is by breathing dust, ingestion should be avoided as a precaution against manganese poisoning. Symptoms of manganese poisoning are weakness and sleepiness.

SECTION VI - EMERGENCY FIRST AID PROCEDURES

Eyes:	Flush with luke warm water for 15 minutes. If symptoms persist, consult physician.
Skin:	Wash with soap and water. If symptoms persist, consult a physician.
Inhalation:	Remove to fresh air. If symptoms are present consult a physician.
Ingestion:	Consult a physician.

SECTION VII - SUGGESTED CONTROL PROCEDURES

Ventilation:	General ventilation.
Skin Protection:	Solvent resistant gloves.
Eye Protection:	Safety glasses.

SECTION VIII - SPILL OR LEAKAGE PROCEDURES

Release or Spillage: Scoop into containers. Clean-up residue with 1,1,1 -trichloroethane.
Waste Disposal: Not a hazardous waste according to EPA regulations. Consult State regulations prior to disposal of spillage.

SECTION IX - SPECIAL PRECAUTIONS

Wash thoroughly after handling and before smoking or eating. Avoid ingestion.

SECTION X - TRANSPORTATION

Applicable Regulations:	<u>49</u> CFR	<u>IATA</u>	<u>IMCO</u>	<u>X</u> Not regulated
Shipping Name:	None	ID Number:	Not applicable	
Hazard Class:	None	Report Quantity:	None	
DOT SPSC Container:	Not applicable	Labels:	None	
Aerosol Propellant(s):	None	DOT Exempt/DOD CCN:	No.	
Net Explosive Weight:	Not applicable	Limited Quantity:	None	

The information provided herein is, to the best of the manufacturer's knowledge, current, accurate and complete, based on information reasonably available.